

AMENDMENTS TO THE CLAIMS

1-3. (Canceled)

4. (Previously Presented) A method for processing objects within a data processing system in a network, the method comprising:

receiving at a first computing device a first response message that is provided in response to a first request message, wherein the first response message comprises a fragment and a source identifier for a fragment, wherein the first response message is associated with a first cookie having a cookie value, and wherein the first response message is directed to a first client device;

generating a cache identifier for the fragment based on the source identifier and the cookie value;

storing the fragment in a cache at the first computing device using the cache identifier;

receiving a second request message at the first computing device from a second client device, wherein the second request message contains the source identifier for the fragment, and wherein the second request message is associated with a second cookie having the cookie value; and

in response to receiving the second request message, generating the cache identifier for the fragment based on the source identifier and the cookie value.

5. (Original) The method of claim 4 further comprising:

authenticating at a server a first user at the first client device;

in response to authenticating the first user, determining a user category to which the first user belongs;

generating the cookie value to represent the user category; and

sending from the server the first response message and the first cookie.

6. (Previously Presented) The method of claim 5 further comprising:

retrieving the fragment from the cache using the cache identifier;

generating a second response message comprising the fragment and sending the second response message to the second client device;

authenticating at a server a second user at the second client device;
in response to authenticating the second user, determining that the second user belongs to
the user category;
generating the cookie value to represent the user category; and
sending from the server a third response message and the second cookie.

7. (Original) The method of claim 4 further comprising:
determining the cookie value based on a user category.

8. (Original) The method of claim 7 further comprising:
determining the user category based on membership of a user of a client device within a
group of users.

9. (Original) The method of claim 8 wherein the group of users comprises a
subset of users in a company, an institution, an association, or an organization.

10. (Original) The method of claim 8 wherein the group of users comprises users
associated with an employee role.

11. (Original) The method of claim 8 wherein the group of users comprises users
associated with a consumer category.

12. (Original) The method of claim 4 wherein the cookie value is encrypted.

13. (Original) The method of claim 4 wherein the source identifier is formatted as
a URI (Uniform Resource Identifier).

14. (Currently Amended) The method of claim 4 wherein the first response message
is an HTTP (Hypertext Transport Protocol) Response message and the first request message is an
HTTP Request message.

15-42. (Canceled).